

EFFICIENT ENGINES MAKE FOR SMOOTHER JOURNEYS!




Bearings for Automotive Water Pumps

Founded in 1946, NBC is India's first bearings manufacturer and the last word in quality and durability. In 2020, the company acquired leading European manufacturer, Kinex Bearings to further boost its expertise.

75 years since its beginning, NBC remains India's leading bearings manufacturer and exporter. NBC is also the world's only bearings manufacturer to receive the prestigious Deming Grand Prize for Total Quality Management.



1946: India's first bearing manufacturer



200+ million bearings manufactured/ annum



2300+ variants of bearings offered



5 manufacturing locations




2800+People



Happy customers in 30+ countries



Automotive



Industrial



Railway



Aerospace



R&D Centres in India, Slovakia, Germany



500+ Stockists
10000+ Retailers



AUTOMOTIVE WATER PUMP BEARINGS

Kinex Bearings specializes in the production of water pump bearings of combustion engines for the automotive industry. The rolling bearings are assigned for OEM customers and reparation in passenger cars, trucks and tractors.

Kinex Bearings, Slovakia has shared its technology with NBC Bearings India for the production of integral shaft bearings for automotive application. With the rich experience in design and development of bearings, the water pump bearings will be designed in Kinex Slovakia and the the production will be done in NBC Bearings India. With the state-of-the-art production facility of NBC Bearings in India, the Indian market will be served by NBC Bearings to ensure highest standards of quality.



OEM & TIER 1 REFERENCES

- Alfa Romeo
 - Chrysler
 - Fiat
 - GAZ
 - Jeep
 - Kamaz
 - Mack Truck
- Concentric
 - GPM
 - Kirpart
 - KSPG
 - Melling
 - O.M.P.
 - TZA
- Nissan
 - Renault
 - UAZ
 - Volvo
 - Pierburg Group
 - Sogefi Group
 - TCG Unitech



SEGMENTS SERVED

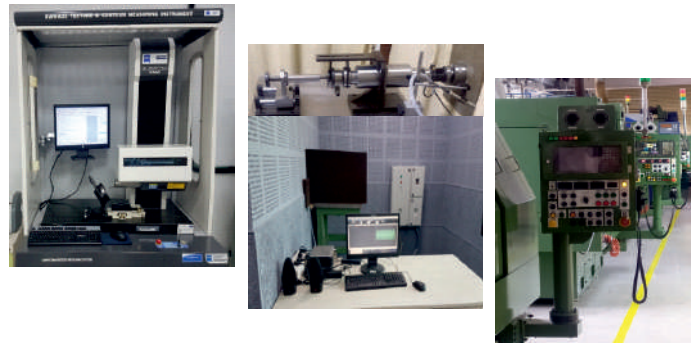
- TWO-WHEELER
ENGINES
- PASSENGER
CARS
- COMMERCIAL
VEHICLES
- AGRI
EQUIPMENT
- OFF HIGHWAY &
CONSTRUCTION
MACHINERY

TECHNOLOGY CENTER

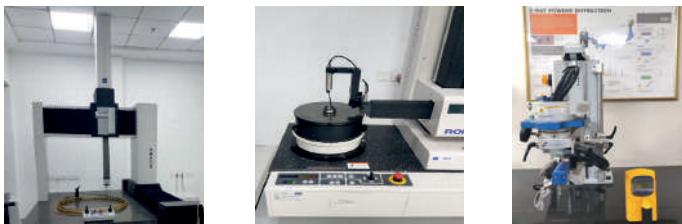
With global consultancy, university partnerships, as well as a strong in-house R&D team, NBC is always one rotation ahead in the world of bearings.

Technology centres in Germany, Slovakia and Jaipur are equipped with best-in-class facilities to innovate and create bespoke solutions for customers around the world.

PROTOTYPE SHOP



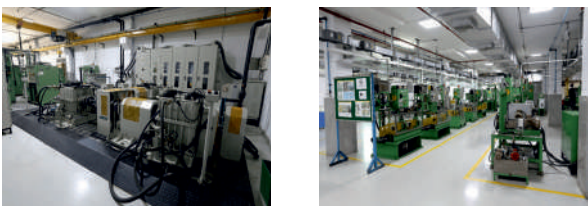
MEASUREMENT LAB



Modeling & Simulation: More accurate, in-depth static, dynamic and fatigue analysis is conducted by using Finite Element Analysis, simulation and mathematical modeling for designing new products and in optimizing customer design, thus meeting stiffness and life requirements.

PRODUCT TESTING LAB

NBC has the best facility within India for testing. The dust-proof environment of the product testing laboratory consists of Simulation Rigs, Endurance Life Test Rigs & Seal Performance Test Rigs.

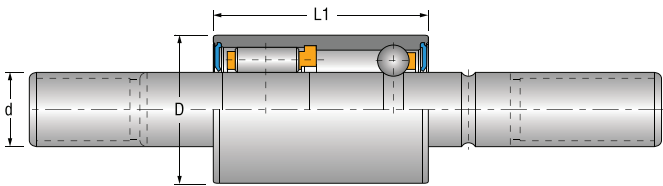


ADVANCE METALLURGY & TRIBOLOGY LAB

Detailed analysis for microscopy is done by using latest equipment to ensure clean steel supply. The experienced team designs new heat treatment processes for improved product performance.

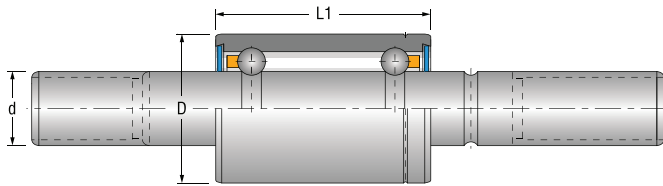


WATER PUMP BEARINGS



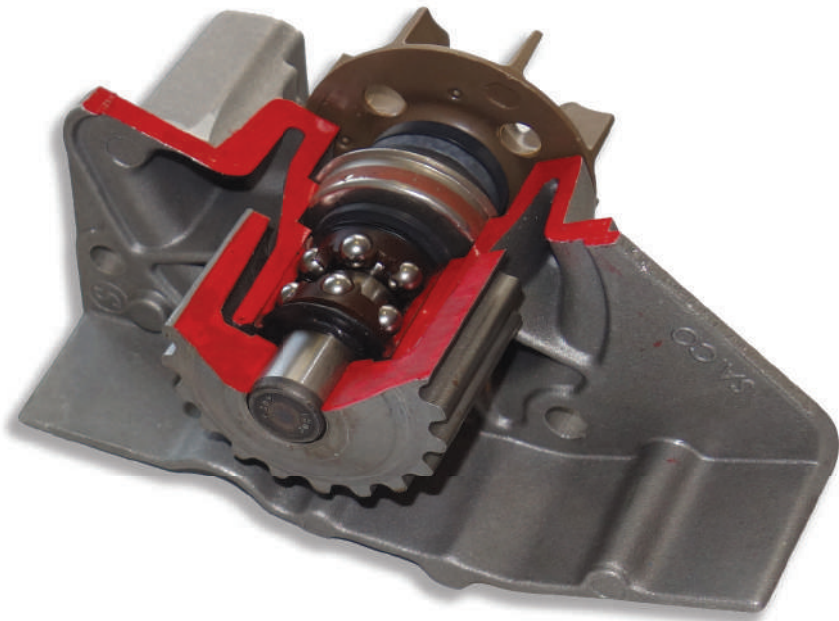
Special double-row bearings type „R“

D (mm)	L1 (mm)	d(mm)
24	26.9	1 2 . 0 0 8
28	20.0–27.0	1 7 . 2 0 0
30	27.0–52.0	1 5 . 0 0 0
30	22.9–52.0	1 5 . 9 1 8
30	27.0–52.0	1 6 . 0 0 0
30	27.0–52.0	1 7 . 2 0 0
30.254	38.9–52.0	1 5 . 9 1 8
35	38.9–56.0	1 8 . 9 6 1
36	40.0–56.0	1 8 . 9 6 1
38	41.1–54.1	1 8 . 9 6 1
40	38.9–52.5	1 8 . 9 6 1
40	38.9–52.5	2 0 . 0 0 0
41	38.9–52.5	2 0 . 0 0 0
42	32.0–52.5	2 0 . 0 0 0
47.587	69.85	2 5 . 3 6 2
47.625	54.1–69.9	2 5 . 4 0 0
52	53.5	2 5 . 0 0 0



Special double-row bearings type „K“

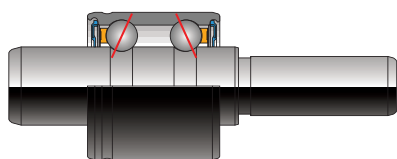
D (mm)	L1 (mm)	d(mm)
24	19.9–33.5	1 2 . 0 0 0
26	30.0–40.0	1 2 . 0 0 0
28	20.0	1 5 . 9 1 8
30	22.0–59.0	1 5 . 0 0 0
30	22.0–59.0	1 5 . 9 1 8
30	22.0–59.0	1 6 . 0 0 0
30	22.0–59.0	1 7 . 2 0 0
32	45.0	1 6 . 0 0 0
34	30.0–47.0	1 7 . 0 0 0
35	29.9–46.0	1 5 . 9 1 8
35	29.9–54.0	1 6 . 0 0 0
35	29.9–56.0	1 7 . 5 0 0
36	30.0–60.0	1 6 . 0 0 0
36	30.0–60.0	1 7 . 0 0 0
36	30.0–60.0	1 8 . 9 6 1
36	30.0–60.0	2 0 . 0 0 0
38	38.9–58.0	1 8 . 9 6 1
40	38.9–62.0	1 5 . 9 1 8
40	42.0–62.0	1 7 . 0 0 0
40	42.0–62.0	1 8 . 9 6 1
40	24.0–25.0	1 9 . 0 1 2
40	42.0–62.0	2 0 . 0 0 0
40	22.0	2 4 . 5 0 0
42	42.0–46.0	1 6 . 0 0 0
42	39.0	1 8 . 9 6 1
42	42.0–46.0	2 0 . 0 0 0
42	32.0	2 2 . 0 0 0
47	30.0–75.0	2 0 . 0 0 0
47	30.0–75.0	2 5 . 4 0 0
52	59.0	2 5 . 0 6 1



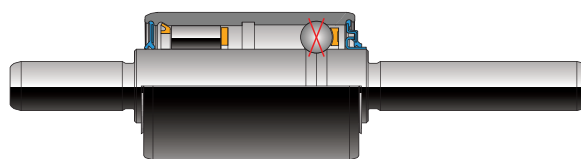
DIMENSIONAL RANGES LISTED IN TABLES ARE INFORMATIVE ONLY.

BEARINGS INCLUDED IN OUR PORTFOLIO

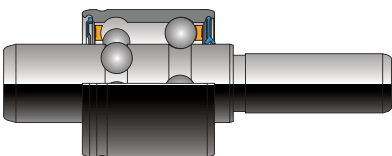
SPECIAL ANGULAR CONTACT BEARINGS



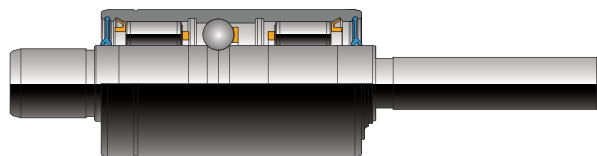
SPECIAL BEARINGS WITH 4-POINT CONTACT



SPECIAL ASYMMETRICAL BEARINGS

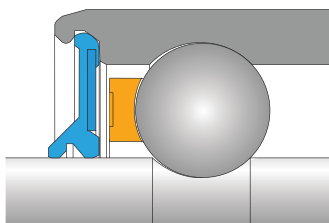


SPECIAL TRIPLE-ROW BEARINGS

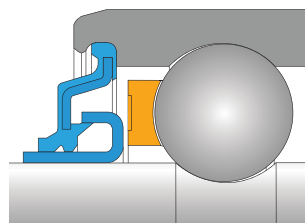


SEALS INCLUDED IN OUR PORTFOLIO

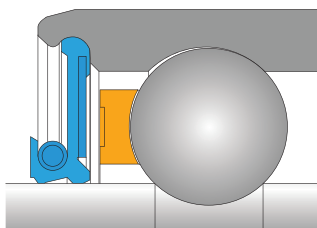
DOUBLE LIP SEAL



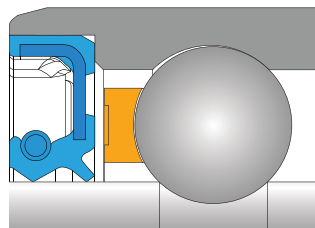
TRIPLE LIP SEAL



SPECIAL SEAL



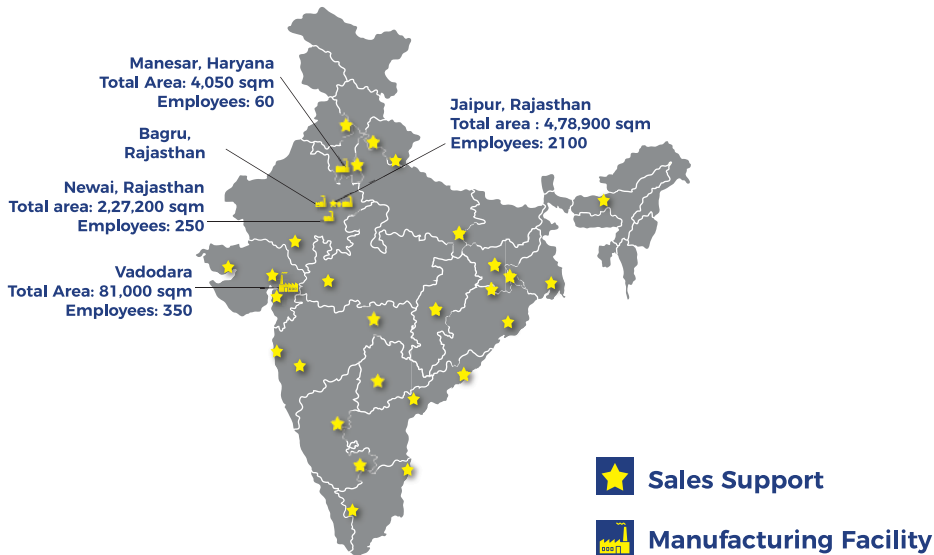
ROTARY SHAFT OIL SEAL



OUR GLOBAL REACH

The NBC Bearings: Product, Technology & Services

NBC provides a wide range of bearings and associated service solutions to diverse industries such as Industrial, Automotive, Railways, and Aerospace. As a company that has been established for over 75 years, NBC Bearings has an international presence with offices and R&D centers across the globe. For us, engineering goes beyond manufacturing; it is the fusion of Product, Technology, and Services that make us different and the most preferred choice of our customers worldwide.



Over 550 stockists and thousand of retailers across India



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